



TITLE:

# Effects of the cationic structures of fluorohydrogenate ionic liquid electrolytes on the electric double layer capacitance

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## Supplementary content

### **Effects of the cationic structures of fluorohydrogenate ionic liquid electrolytes on the electric double layer capacitance**

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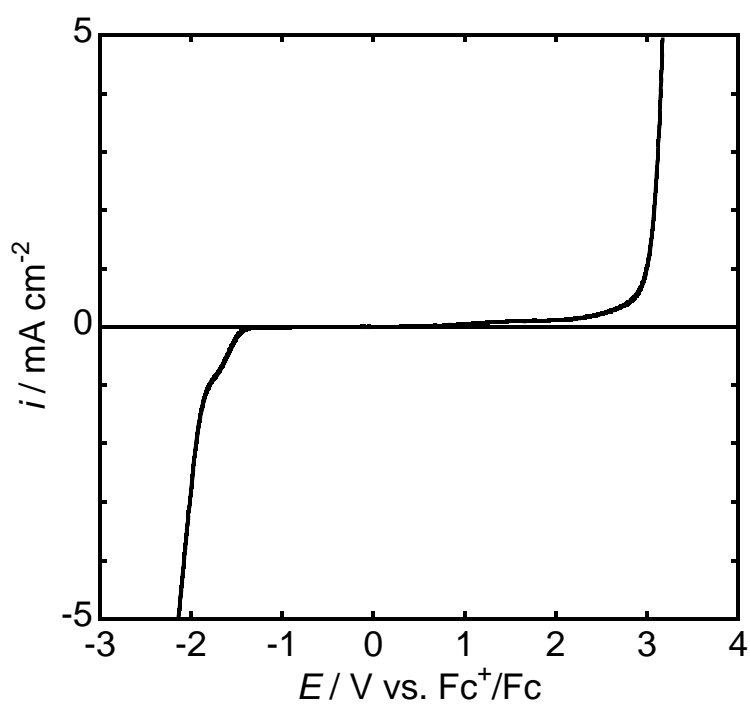


Fig. S1 Linear sweep voltammogram of a glassy carbon electrode in MOMMPyr(FH)<sub>2.3</sub>F. Scan rate: 10mV s<sup>-1</sup>, counter electrode: a glassy carbon rod, reference electrode: Ag wire immersed in EMImBF<sub>4</sub> containing 0.05 M of AgBF<sub>4</sub>. The potential is referenced to the redox potential of ferrocenium/ferrocene couple.